



Australian Government

FBPOPR3023 Operate and monitor an evaporation process

Release: 1

FBPOPR3023 Operate and monitor an evaporation process

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down an evaporation process.

This unit applies to individuals who work under general supervision in a food processing environment. It typically applies to the production worker responsible for applying basic operating principles to the operation and monitoring of an evaporation process and associated equipment.

All work must be carried out to comply with workplace procedures according to state/territory health and safety, environmental and food safety regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Operational (OPR)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for work in processing area	1.1 Read or listen to work instructions from supervisor and clarify where required 1.2 Confirm materials are available to meet processing requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Confirm equipment is clean and not locked out 1.4 Wear appropriate personal protective clothing and ensure correct fit according to health and safety requirements
2. Prepare the evaporation process for operation	2.1 Enter processing and operating parameters as required to meet food safety and production requirements 2.2 Carry out pre-start checks according to operator instructions
3. Operate and monitor equipment	3.1 Start, operate and monitor the process for variation in operating conditions 3.2 Monitor the process to confirm that specifications are met 3.3 Identify, rectify and report out-of-specification equipment, product or process outcomes according to workplace requirements 3.4 Follow and apply workplace cleaning procedures and environmental requirements
4. Shut down the evaporation process	4.1 Identify the appropriate shutdown procedure 4.2 Shut the process down safely according to operating procedures 4.3 Identify and report maintenance requirements in line with workplace procedures 4.4 Maintain workplace records in appropriate format

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	- Interpret workplace and standard operating procedures relevant to work task - Interpret production requirements
Writing	Record processing data using digital and/or paper-based formats
Numeracy	Monitor and interpret production and process control indicators and data, including temperature (°C), vacuum, steam flow and

Skill	Description
	pressure, time, speed, motor amperage

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPOPR3023 Operate and monitor an evaporation process	FBPOPR2034 Operate an evaporation process	Unit code and title updated to match complexity of task Minor changes to Performance Criteria to clarify task Foundation Skills refined Performance Evidence clarified Minor changes to Knowledge Evidence and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>